



# UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
United States Patent and Trademark Office  
Address: COMMISSIONER FOR PATENTS  
P.O. Box 1450  
Alexandria, Virginia 22313-1450  
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/355,990	08/24/1999	TAKAYA NONOMURA	P341-9004	7195
7590	03/31/2004		EXAMINER	
Arent Fox Kintner Plotkin & Kahn PLLC 1050 Connecticut Avenue, N.W. Suite 400 Washington, DC 20036-5339			DESIR, JEAN WICEL	
			ART UNIT	PAPER NUMBER
			2614	
DATE MAILED: 03/31/2004				

Please find below and/or attached an Office communication concerning this application or proceeding.

<b>Office Action Summary</b>	Application No.	Applicant(s)
	09/355,990	NONOMURA ET AL.
	Examiner	Art Unit
	Jean W. Désir	2614

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

#### Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

#### Status

1) Responsive to communication(s) filed on 24 February 2004.

2a) This action is **FINAL**.                    2b) This action is non-final.

3) Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

#### Disposition of Claims

4) Claim(s) 2-9 is/are pending in the application.

4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.

5) Claim(s) 3-8 is/are allowed.

6) Claim(s) 2 and 9 is/are rejected.

7) Claim(s) \_\_\_\_\_ is/are objected to.

8) Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

#### Application Papers

9) The specification is objected to by the Examiner.

10) The drawing(s) filed on \_\_\_\_\_ is/are: a) accepted or b) objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).

11) The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

#### Priority under 35 U.S.C. § 119

12) Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).

a) All    b) Some \* c) None of:  
 1. Certified copies of the priority documents have been received.  
 2. Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.  
 3. Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

#### Attachment(s)

1) Notice of References Cited (PTO-892)                    4) Interview Summary (PTO-413)  
 2) Notice of Draftsperson's Patent Drawing Review (PTO-948)                    Paper No(s)/Mail Date. \_\_\_\_\_.  
 3) Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)  
 Paper No(s)/Mail Date \_\_\_\_\_                    5) Notice of Informal Patent Application (PTO-152)  
 6) Other: \_\_\_\_\_.

## DETAILED ACTION

### ***Claim Rejections - 35 USC § 103***

1. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negatived by the manner in which the invention was made.

2. Claims 9, 2 are rejected under 35 U.S.C. 103(a) as being unpatentable over Yuen et al (US 6,477,705 B1).

#### **Claim 9:**

a) the claimed “a first decoder for decoding the broadcast video signal” is met by Fig. 1 item 13;

b) the claimed “a second decoder for decoding the text information signal” would have been obvious to an artisan at the time the invention was made, because it is well known to provide text information signal in television broadcast signal and for further processing the text information signal an artisan would have readily recognized that the text information signal would have to be decoded or extracted from the television broadcast signal;

c) the claimed “a first compositor for composing the text information signal decoded by said second decoder and a predetermined display screen signal so as to create a program guide signal” is met, for instance, by Figs. 3, 9 item 46 where program guide signal is created as claimed;

d) the claimed "a first compressor for compressing the broadcast video signal decoded by said first decoder so as to output a first compression video signal" would have been obvious to an artisan at the time the invention was made, because Yuen is capable of displaying multiple picture signals on different screen portions of a monitor (see for instance Fig. 3 for evidence), so for displaying video signal on a screen portion of the monitor an artisan would have readily recognized that the video signal would have to be compressed to fit the screen portion of the monitor;

e) the claimed "a second compressor for compressing the program guide signal created by said first compositor so as to output a second compression video signal" is obvious to an artisan for the same reasons as part d) above;

f) the claimed "a second compositor for composing the first compression video signal and the second compression video signal such that a broadcast video and a program guide are displayed on different screen portions of a monitor" is met, for instance, by Figs. 3, 9 where a broadcast video (item 42) and a program guide (item 46) are displayed on different screen portions of a monitor as claimed.

Claim 2 is met, see Fig. 1 items 28, 24, 19, col. 7 lines 35-40.

#### ***Allowable Subject Matter***

3. The indicated allowability of claims 9 and 2 is withdrawn in view of reinterpretation of the reference of record to Yuen et al (US 6,477,705 B1). A new final rejection based on the reference is presented above.
4. Claims 3-8 are allowed.

### **Conclusion**

5. **THIS ACTION IS MADE FINAL.** Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the mailing date of this final action.

6. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Jean W. Désir whose telephone number is (703) 308 9571. The examiner can normally be reached on 5/4/9 - First Friday Off.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, John W. Miller can be reached on (703) 305 4795. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

JWD  
Mar. 24, 04

  
MICHAEL H. LEE  
PRIMARY EXAMINER